

# FAKHRI RASYID SAPUTRO

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Sidorejo, Salatiga, Jawa Tengah

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## SUMMARY

Informatics Engineering student and Junior Mobile Developer with two years of experience in mobile development who is passionate about SOLID principle and Clean Architecture. Have experience designing and developing applications for government, industrial, and various systems, highlighting my ability to work both in a team and individually. Keen to enhance expertise in Mobile Development field.

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## EDUCATION

<b>Dian Nuswantoro University (GPA 3.85)</b>	<b>2021 - Present</b>
Informatics Engineering	
<b>SMAN 1 Salatiga</b>	<b>2018 - 2021</b>
Mathematics and Science	

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## PROFESSIONAL EXPERIENCE

<b>Junior Mobile Developer</b>	<b>Jan 2022 - December 2023</b>
<b>Part Time Freelancer</b>	

- Constructed various mobile applications from scratch using technologies such as Kotlin, Java, or Flutter with supporting back-end frameworks such as Laravel to meet specific client needs effectively.
- Proactively lead, manage, collaborate, and effectively communicate with the development team when the projects transitioning into team efforts, particularly when modules are tightly integrated.
- Actively communicate with clients to understand their requirements, consistently provided updates, and incorporated their feedback to ensure the delivery of products that meet their expectations.

<b>Android Development Trainer</b>	<b>May 2023 - June 2023</b>
<b>Doscom: Open-Source On The School</b>	

- Provided tailored training in Kotlin, Object-Oriented Programming (OOP), and the development of simple Android applications using Android Studio targeting high school and vocational students at SMKN 9 Semarang, SMK Palapa Semarang, and SMK Nurul Barqi .
- Provided tailored training materials to meet the unique needs of each school participating in the workshop, ensuring a customized educational experience.

<b>Android Development Speaker</b>	<b>March 2023</b>
<b>Doscom: Doscom Sharing Time</b>	

- Conducted a public session on "Hands On with Android Studio," focusing on creating XML layouts and developing basic Android applications using Kotlin.
- Successfully addressed challenges and errors faced by participants, providing individualized assistance and facilitating a positive learning environment.

<b>Project Based Intern: Mobile Developer Virtual Internship Experience</b>	<b>July 2022 - August 2023</b>
<b>Schoters</b>	

- Accomplished diverse tasks at Schoters, demonstrating proficiency in Android development, Firebase integration, version control system management, and code optimization in the Mobile Developer role.
- Successfully developed applications with clean architectures, emphasized modular code structures, and implemented CI/CD practices to enhance development and deployment workflows.

## ORGANIZATIONAL EXPERIENCE

### Google Developer Student Club UDINUS (GDSC Udinus)

August 2023 - Present

- **Head of Event Core Team:** Effectively lead, organize, and manage events for UDINUS Google Developer Students Club, including workshops and technology-focused bootcamps.

### Dinus Open-Source Community (DOSCOM)

August 2022 - Present

- **Head of Human Resource Field:** Actively lead, organize, manage and be fully responsible for the running of the divisions under the Human Resource field, namely the Programming, Multimedia, and Network divisions. Fully responsible for providing in-depth training in soft and hard skills, fostering knowledge-sharing through mentoring and Information Technology competitions.
- **Chief Committee (DOSCOM Bootcamp 2022):** Lead, organize, and manage the Open Source and TealinuxOS bootcamp for DOSCOM, fostering insights into future open-source implementation and strengthening intergenerational relationships.

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## PROJECTS

### Ndoro Kojo Livestock Application (Kotlin, Laravel)

November 2023 - December 2023

#### Pemerintah Kabupaten Semarang

- Build a mobile livestock application management to assist in recording information about livestock and breeders under the jurisdiction of the Kabupaten Semarang government.

### Absenin (Kotlin, Laravel)

June 2023 - August 2023

#### PT. IDEA BUILDING SERVICE Semarang

- Develop a mobile application for employee attendance tailored to the industrial sector, utilizing the geolocation feature as the primary method for attendance tracking.

### My Heavy Application (Kotlin, Firebase)

February 2023 - May 2023

#### Personal Freelance Project

- Creating a platform for industrial mechanics to facilitate machine maintenance supervision. The platform comprises various modules, including a QR Scanner, PDF Builder, and more.

### Jukee (Java, Firebase)

February 2023

#### Personal Freelance Project

- Developing a mobile music listening application that empowers users to assume the roles of hosts or visitors. Users have the flexibility to curate their playlists or explore playlists created by others.

### PicDF (Kotlin Jetpack Compose)

November 2022 - December 2022

#### Personal Freelance Project

- Developing an app that transforms images into PDFs. Users can easily generate PDFs from multiple images and customize the layout using the PicDF editing interface.

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## CERTIFICATIONS

- **Menjadi Android Developer Expert** (Dicoding, ID:NVP79NOWRZR0) January 2023
- **Belajar Pengembangan Aplikasi Android Intermediate** (Dicoding, ID:NVP79895WZR0) November 2022
- **Schoters Mobile Apps Developer Virtual Internship Experience Program** (Schoters) August 2022
- **Belajar Prinsip Pemrograman SOLID** (Dicoding, ID:N9ZO76E2YZG5) June 2022

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## SKILLS

- **Languages:** Kotlin, Java, Dart, JavaScript, PHP, Python, Matlab.
- **Frameworks:** Jetpack Compose, Flutter, Laravel, React Native.
- **Mobile Development Needs:** MVVM, TDD, Modularization, Reactive Programming, Dependency Injection, Continuous Integration, Firebase.